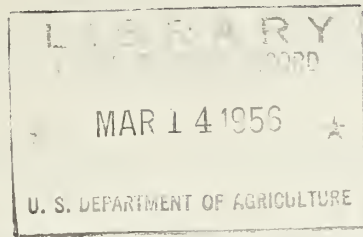


Historic, Archive Document

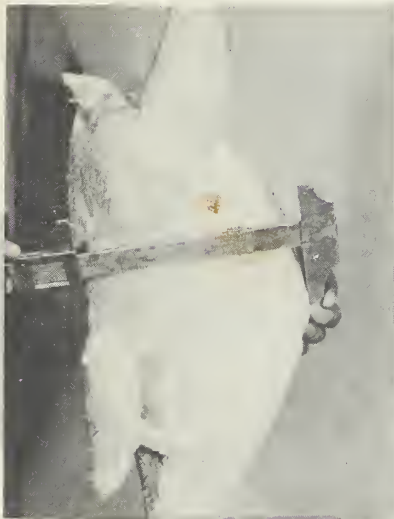
Do not assume content reflects current scientific knowledge, policies, or practices.

A49.9
R31
cop. 2

TURKEY PERFORMANCE TESTS



1955



U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

ARS 53-13

Issued December 1955

FOREWORD

The National Turkey Improvement Plan provides for three types of tests through which the performance of a representative sample of the entrant's stock is measured: These tests are: (1) Turkey Reproduction Test, (2) Central Turkey Meat Production Test and (3) On-the-Farm Turkey Meat Production Test. The detailed provisions for the tests were published in the Federal Register of December 9, 1954. Reprints of this publication may be obtained from Official State Agencies for the National Turkey Improvement Plan or by writing directly to the Animal and Poultry Husbandry Research Branch, Agricultural Research Center, Beltsville, Maryland.

The Plan provides, Section 146.30 (j), "The results of the tests reported to the APH Branch by December 1 shall be published in a national summary alphabetically by test and entries, with no indication of rank." This publication contains the results of the tests as submitted by the supervising agencies.

In 1955, Central Turkey Meat Production Tests were conducted in Nebraska, Pennsylvania and Texas. In each test the entry was composed of 100 poults hatched at the test from a sample of eggs selected at random from the entrant's stock. The entries were grown under practical commercial conditions except for the handling necessary for weighing the birds. White and Bronze birds were grown separately but otherwise the entries were intermingled to obtain identical environments for all entries in each test.

In the evaluation of the results, no direct comparison should be made between entries in different tests. While the same general procedure was followed in all tests, there were differences in environment and other factors. For example, in the Pennsylvania test, the birds were housed during the entire test while the birds in the Nebraska and Texas tests were grown on range. There were also variations in the ages of the birds at the time the tests were terminated. Because of these variations and the unavoidable differences between tests in measuring techniques and the application of grading standards, comparisons should be made only between entries within a test.

Explanation of Terms and Abbreviations

Abbreviations of Variety names:

BBB - Broad Breasted Bronze
BBLW - Broad Breasted Large White
BBW - Broad Breasted White
BSW - Beltsville Small White
BW - Broad White
EW - Empire White
MW - Michigan White
WH - White Holland
WL - White Lancaster

Variability - Expressed as the coefficient of variation. As the uniformity of the entry increases the numerical value of the coefficient of variation decreases.

Eviscerated Weight - In the Nebraska test, the reported eviscerated weight is the weight of the fully dressed bird including the neck and giblets. In the Pennsylvania and Texas tests, the eviscerated weight includes the neck but does not include the giblets.

Dressing Percentage - Based on the final live weight and the eviscerated weight as reported.

**

**

**

**

Information in this report was compiled by the Animal and Poultry Husbandry Research Branch, Agricultural Research Service.

CENTRAL TURKEY MEAT PRODUCTION TESTS

Supervisors

Nebraska - Elvin C. Schultz, Ass't Extension Poultryman, Univ. of Nebr., Lincoln
 Pennsylvania - Raymond D. Schar, Poultry Div., Dept. of Agriculture, Harrisburg
 Texas - George H. Draper, Supv., NTIP, Texas A & M College, College Station

ENTRANT	ENTRY NO.
Nebraska	
Allstate Hatchery, 1016 Benton Ave. West, Willmar, Minnesota	1
Barnett & Powers Turkey Farm, 131 Falls St., Marlin, Texas	2-16
Central Missouri Turkey Hatchery, Eldon, Missouri	3
C n G Breeders, Inc., Winton, California	4
Domes White Holland Turkey Farm, Rickreall, Oregon	17
Gath Brothers, Route 4, Box 59, Salem, Oregon	5
Gibbon Turkey Egg Pool, Shelton, Nebraska	6- 7
Hart's Hatchery, P.O. Box 749, Medford, Oregon	8
Hill Turkey Farms, La Plata, Missouri	9
Hill, Roscoe, Hill Hatchery, 10th & S Sts., Lincoln, Nebraska	10-11
Jerome Turkey Farm, Barron, Wisconsin	18
Mound Poultry Farm, Springfield, Missouri	19
Orcutt Turkey Farm & Hatchery, Bellaire, Michigan	20
Roberts Turkey Ranch, P.O. Box 625, Lancaster, California	21
Rochester Turkey Farm, Rochester, Minnesota	22
Rochester Turkey Hatchery, Rochester, Minnesota	23
Sandstrom's Hatchery, Route 2, Sandy, Oregon	12
Segars Turkey Ranch, Box 1008, Turlock, California	24
R. E. Shinn, Dunning, Nebraska	13
L. C. Stearns Turkey Farm, Wadena, Minnesota	14
Stoneacres Turkey Farm, Route 6, Anoka, Minnesota	25
Sure Hatchery, Broken Bow, Nebraska	15
Swanson, Elwood, Route 2, Box 362, Turlock, California	26
Pennsylvania	
Ephrata Turkey Hatchery, Ephrata, Penna.	7
Mertz Turkey Farm, Northumberland, Penna.	8
Palmateer Turkey Farm, Elverson, Penna.	1- 9
Rexrode Turkey Farm, Fayetteville, Penna.	10
Seidel Turkey Farm, Washingtonville, Penna.	11
Shearer, Robert K., R. D. #1, Reinholds, Penna.	2-12
Spar Hill Turkey Farm, Chadds Ford, Penna.	3
Tunnel Hatchery, R. D. #1, Langhorne, Penna.	4
Turrill's Turkey Farm & Hatchery, Laughlintown, Penna.	5
Wila Turkey Ranch, Wila, Penna.	6
Texas	
Barnett & Powers Turkey Hatchery, 131 Falls St., Marlin, Texas	1-17
Gen-Tex Turkey Hatchery, Coleman, Texas	2
Conyers Brothers Pioneer Turkey Farm, Turlock, California	3- 4
Delleney Turkey Hatchery, Marlin, Texas	5
DeWitt Turkey Hatchery, Waxahachie, Texas	6- 7
Feild Turkey Ranch, Burnet, Texas	8
Lee Turkey Ranch, Inc., Midlothian, Texas	9
Lone Star Turkey Hatchery, Coleman, Texas	10-18
Lyons Triple B Turkey Farm, Portland, Oregon	11
River Rest Farms, Shawnee, Oklahoma	19
Singleton Farm & Ranch, Blanco, Texas	12-20
Dr. H. B. Thaxton, Cherokee, Texas	21
Thompson's Hatchery & Breeding Farm, Pottsville, Arkansas	22
Tidwell Turkey Hatchery, Desdemona, Texas	13
Wallis Turkey Ranch, Cuero, Texas	14
Western Hatcheries, Temple, Texas	15-16

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

(Bronze Entries)

Entrant		(1) Allstate		(2) Barnett		(3) Central Mo.		(4) C - n - G		(5) Gath Bros.	
Variety		BBB		BBB		BBB		BBB		BBB	
Strain or Trade Name		Allstate		Barnetts						Gath's	
Kind of Stock		Supply Flock		Supply Flock		Supply Flock		Supply Flock		Supply Flock	
No. Hens in Flocks		1400		400		721		3000		1000	
Mortality (%)	8 weeks	1		7		6		4		0	
	Test	1		7		6		4		0	
Average Live Weights (Lbs.)		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
	8 weeks	5.08		4.69		5.1		5.24		5.2	
	16 weeks	10.15	14.52	10.15	12.71	10.57	14.84	10.98	14.8	11.02	15.09
	20 weeks	13.33	19.23	12.97	17.76	13.1	19.5	13.3	18.97	13.7	20.1
	22 weeks	13.8	21.1	12.99	19.7	14.1	21.5	14.2	20.9	14.5	22.8
	24 weeks	14.3	25.6	13.9	24.2	15.0	23.4	15.2	25.0	15.5	26.8
	28 weeks		28.8		26.9		29.7		28.8		30.3
Variability (final weight)		5.4	5.8	7.7	4.2	6.1	7.1	5.2	5.0	5.3	5.8
Eviscerated Wt.		11.6	23.8	11.6	22.9	11.8	24.9	12.3	23.9	13.1	24.4
Variability (evisc. wt.)		6.2	6.2	7.6	5.5	5.9	7.2	6.1	5.5	4.6	11.3
Dressing Percentage		81.1	82.6	83.5	85.1	78.7	83.8	80.9	83.0	84.5	80.5
Breast Width		3.5	4.2	3.8	4.3	3.4	3.8	3.8	4.2	3.9	4.5
Variability (breast width)		7.5	7.3	9.7	10.0	8.3	7.8	8.0	6.7	5.8	6.8
Body Depth		7.0	9.1	6.9	9.0	7.2	10.0	7.2	9.3	6.9	9.0
Variability (body depth)		4.0	3.7	4.3	3.1	2.7	3.8	1.7	3.2	5.0	5.7
Keel Length		6.2	7.7	6.1	7.3	6.5	8.1	6.3	7.7	6.3	7.6
Variability (keel length)		4.6	4.4	5.6	4.1	5.7	5.5	4.3	2.9	2.8	6.3
% U.S. Grade A ^{1/}		100.0	85.4	100.0	92.0	97.2	93.2	95.3	97.2	96.0	79.6
% U.S. Grade B ^{1/}		---	6.3	---	---	2.8	3.4	4.7	---	4.0	4.5
% U.S. Grade C ^{1/}		---	8.3	---	8.0	---	3.4	---	2.8	---	15.9

^{1/} For Fleshing, Finish and Freedom from Pin-Feathers.

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

(Bronze Entries continued)

Entrant	(6) Gibbon		(7) Gibbon		(8) Hart		(9) Hill Farms		(10) Roscoe Hill	
Variety	BBB		BBB		BBB		BBB		BBB	
Strain or Trade Name	Hunter		Hunter		Hart's Schneider		Hill's Certified		Nicholas	
Kind of Stock	Supply Flock		Supply Flock		Supply Flock		Supply Flock		Supply Flock	
No. Hens in Flocks	2274		771		2393		500		8195	
Mortality (%)	8 weeks		3		5		2		2	
	Test		3		5		2		2	
	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weights (Lbs.)	8 weeks		5.23		4.94		5.54		4.94	
	16 weeks		10.78	14.62	10.07	14.37	11.4	15.39	10.05	13.95
	20 weeks		13.5	19.47	12.8	18.9	14.65	20.6	12.5	18.34
	22 weeks		14.2	21.2	13.6	21.4	14.9	22.9	12.9	20.3
	24 weeks		14.9	25.3	14.4	25.8	15.8	27.1	13.9	24.6
	28 weeks		--	29.5	--	29.5	--	29.7	--	27.3
Variability (final weight)	6.6	7.1	7.9	5.8	7.2	7.5	7.4	7.0	6.4	6.7
Eviscerated Wt.	12.1	24.4	11.5	24.6	12.5	24.9	11.0	22.7	11.7	22.9
Variability (evisc. wt.)	6.4	9.1	7.7	6.6	6.1	8.1	7.4	7.4	6.1	9.8
Dressing Percentage	81.2	82.7	79.9	83.4	79.1	83.8	79.1	83.2	80.1	82.7
Breast Width	3.8	4.1	3.5	3.9	3.7	4.1	3.4	3.9	4.0	4.3
Variability (breast width)	9.2	7.0	10.2	8.3	7.1	7.6	7.5	9.1	7.6	6.2
Body Depth	6.8	9.2	7.0	9.2	7.3	9.7	7.1	9.2	7.0	9.2
Variability (body depth)	3.3	3.5	2.4	2.9	2.2	2.9	4.1	3.4	2.7	4.5
Keel Length	6.4	7.9	6.3	8.0	6.4	7.9	6.3	7.6	6.2	7.7
Variability (keel length)	3.4	5.5	4.4	4.4	3.5	4.1	3.0	4.6	3.9	5.0
% U.S. Grade A ^{1/}	96.7	93.9	95.2	90.9	97.4	91.3	100.0	97.4	97.5	95.6
% U.S. Grade B ^{1/}	--	2.0	4.8	2.3	--	2.2	--	--	--	2.2
% U.S. Grade C ^{1/}	3.3	4.1	--	6.8	2.6	6.5	--	2.6	2.5	2.2

^{1/} For Fleshing, Finish and Freedom from Pin-Feathers.

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

(Bronze Entries continued)

Entrant		(11) Roscoe Hill	(12) Sandstrom	(13) Shinn	(14) Stearns				
Variety		BBB	BBB	BBB	BBB				
Strain or Trade Name		Nicholas			Stearns's				
Kind of Stock		Supply Flock	Supply Flock	Supply Flock	Supply Flock				
No. Hens in Flocks		8195	1117	1872	1200				
Mortality (%)	8 weeks	6	3	4	2.08				
	Test	6	3	4	2.08				
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weights (Lbs.)	8 weeks	5.14		5.02		5.06		5.57	
	16 weeks	10.49	14.18	10.48	14.52	10.29	14.32	11.36	15.32
	20 weeks	13.2	18.75	13.34	19.39	12.79	19.31	14.3	20.7
	22 weeks	13.7	20.7	13.6	21.4	13.7	21.4	15.3	23.3
	24 weeks	14.6	24.0	14.5	26.1	14.4	25.8	16.2	28.5
	28 weeks	--	28.4	--	28.8	--	28.8	--	30.7
Variability (final wt.)		6.4	6.2	5.0	9.5	8.6	7.8	6.3	7.6
Eviscerated Wt.		11.6	23.3	11.5	23.6	12.1	24.2	13.6	25.7
Variability (evisc. wt.)		6.5	7.5	5.6	11.2	8.4	8.2	6.1	11.2
Dressing Percentage		79.5	82.0	79.3	81.9	84.0	84.0	84.0	83.7
Breast Width		4.0	4.3	3.5	4.1	3.6	4.0	3.7	4.4
Variability (breast width)		8.2	6.0	9.9	9.4	9.2	9.0	6.8	9.7
Body Depth		7.0	9.2	7.2	9.3	7.1	9.2	7.2	9.3
Variability (body depth)		1.6	3.1	2.7	5.2	3.9	4.3	3.5	5.8
Keel Length		6.3	7.6	6.4	7.8	6.3	8.0	6.3	7.7
Variability (keel length)		3.0	3.6	5.1	6.0	4.6	4.2	4.3	5.0
% U.S. Grade A ^{1/}		94.6	97.5	100.0	88.4	100.0	83.7	93.2	59.4
% U.S. Grade B ^{1/}		5.4	2.5	--	4.6	--	--	6.8	6.2
% U.S. Grade C ^{1/}		--	--	--	7.0	--	16.3	--	34.4

^{1/} For Fleshing, Finish and Freedom from Pin-Feathers.

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

(Bronze Entries continued)						(White Entries)					
Entrant	(15) Sure		Average			(16) Barnett		(17) Domes		(18) Jerome	
Variety	BBB		Bronze			BW		WH		BW	
Strain or Trade Name						Thompson				Jeromes	
Kind of Stock	Supply Flock					Supply Flock		Supply Flock		Supply Flock	
No. Hens in Flocks	771		1708			1960		560		1247	
Mortal- ity (%)	8 weeks	4		3.19		1		7		1	
	Test	4		3.19		6		15.4		12	
Average Live Weights (Lbs.)		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
	8 weeks	5.04		5.13		3.95		4.23		4.33	
	16 weeks	10.35	14.33	10.57	14.49	7.83	11.03	8.49	11.57	8.92	11.50
	20 weeks	12.8	19.1	13.28	19.24	10.07	16.02	10.45	14.88	10.75	15.04
	22 weeks	13.6	21.1	13.9	21.3	11.22	16.5	11.2	16.9	11.8	17.4
	24 weeks	14.3	26.2	14.8	25.5	11.9	18.7	12.2	19.06	12.5	19.4
	25 weeks					12.4	--	12.9	--	13.3	--
	26 weeks					--	21.2	--	21.2	--	22.0
	28 weeks	--	29.5	--	29.0	--	22.7	--	22.4	--	22.9
Variability (final weight)	7.4	8.6	6.6	6.8		6.4	8.2	6.9	7.4	7.0	9.1
Eviscerated Wt.	11.3	24.6	12.0	24.1		9.5	17.8	9.7	17.8	10.5	18.7
Variability (evisc. wt.)	7.8	8.4	6.6	8.2		7.8	8.7	6.8	6.9	7.3	8.8
Dressing Percentage	79.0	83.4	80.9	83.1		76.6	78.4	75.2	79.5	78.9	81.7
Breast Width	3.3	3.9	3.7	4.1		4.2	3.5	4.0	3.5	4.2	3.6
Variability (breast width)	10.5	10.2	8.4	8.1		8.6	7.8	5.0	7.3	6.8	8.8
Body Depth	7.1	9.4	7.1	9.3		6.6	8.8	6.9	9.0	6.8	9.0
Variability (body depth)	3.1	4.4	3.2	4.0		1.8	3.2	2.1	1.8	3.5	3.2
Keel Length	6.4	8.1	6.3	7.8		5.8	7.5	6.0	7.2	6.1	7.3
Variability (keel length)	3.3	4.4	4.1	4.7		2.6	3.6	1.9	4.3	1.1	2.4
% U.S. Grade A ^{1/}	97.3	89.4	97.4	89.0		100.0	98.0	96.4	100.0	100.0	97.8
% U.S. Grade B ^{1/}	2.7	--	2.1	2.4		--	--	3.6	--	--	2.2
% U.S. Grade C ^{1/}	--	10.6	.5	8.6		--	2.0	--	--	--	--

^{1/} For Flething, Finish and Freedom from Pin-Feathers.

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

(White Entries)

Entrant		(19) Mound		(20) Orcutt		(21) Roberts		(22) Rochester Farm		(23) Rochester Hatch.	
Variety		BW		MW		WL		BW		BW	
Strain or Trade Name		Thompson		Orcutts				Rochester Royal		Rochester	
Kind of Stock		Supply Flock		Supply Flock		Supply Flock		Supply Flock		Supply Flock	
No. Hens in Flocks		1040		640		1131		700		600	
Mortality (%)	8 weeks	2		1		1		5		10	
	Test	12		10		7		12		19	
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weights (Lbs.)	8 weeks	4.15		3.95		4.20		4.30		3.96	
	16 weeks	8.29	11.35	7.65	10.52	8.69	11.96	8.65	11.93	8.22	11.08
	20 weeks	10.74	14.77	10.09	13.59	10.42	15.07	10.4	15.15	10.32	14.56
	22 weeks	11.7	17.0	10.3	15.5	11.5	17.2	11.5	17.1	11.2	16.4
	24 weeks	12.7	19.4	11.5	17.6	12.6	19.4	12.5	19.3	12.09	19.21
	25 weeks	13.5	--	12.1	--	13.2	--	13.1	--	12.0	--
	26 weeks	--	21.5	--	19.4	--	21.5	--	21.6	--	21.1
	28 weeks	--	23.2	--	21.3	--	23.0	--	22.8	--	22.7
Variability (final weight)		8.1	10.1	7.6	9.8	6.1	6.0	7.9	8.4	6.5	10.4
Eviscerated Wt.		10.8	19.4	8.7	16.5	10.0	18.5	10.6	18.2	9.6	18.2
Variability (evisc. wt.)		6.5	10.0	7.4	9.9	7.2	5.8	8.4	9.7	7.1	9.4
Dressing Percentage		80.0	83.6	71.9	77.5	75.8	80.4	73.3	79.8	80.0	80.2
Breast Width		4.2	3.7	3.5	2.9	4.2	3.4	4.1	3.2	4.0	3.6
Variability (breast width)		7.7	7.0	6.6	11.5	7.4	7.6	5.6	7.7	5.2	7.8
Body Depth		6.8	8.8	6.7	8.9	6.9	9.1	6.9	8.8	6.8	8.7
Variability (body depth)		3.0	3.6	1.7	4.6	3.6	3.4	4.2	4.6	6.8	3.2
Keel Length		6.0	7.4	5.8	7.1	6.0	7.3	6.0	7.4	6.0	7.3
Variability (keel length)		9.1	4.8	3.2	4.8	3.8	1.3	3.6	4.6	2.2	5.4
% U.S. Grade A ^{1/}		100.0	100.0	97.9	100.0	97.9	97.4	97.4	97.8	97.1	97.5
% U.S. Grade B ^{1/}				2.1		2.1			2.2	2.9	2.5
% U.S. Grade C ^{1/}							2.6	2.6			

^{1/} For Flething, Finish and Freedom from Pin-Feathers.

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

(White Entries continued)

Entrant		(24) Segars		(25) Stoneacres		(26) Swanson		Average	
Variety		WL		EW		BBLW		Whites	
Strain or Trade Name									
Kind of Stock		Supply Flock		Supply Flock		Supply Flock			
No. Hens in Flocks		150		135		300		769	
Mortality (%)	8 weeks	2		3.6		4		3.4	
	Test	14		8.4		20		12.3	
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weights (Lbs.)	8 weeks	4.57		4.14		4.19		4.12	
	16 weeks	9.19	12.70	8.12	11.6	8.90	12.03	8.45	11.57
	20 weeks	11.41	16.12	9.99	15.46	10.79	15.25	10.5	15.1
	22 weeks	12.4	18.2	10.8	17.0	11.6	16.9	11.4	16.9
	24 weeks	13.4	20.6	11.7	19.6	12.5	19.5	12.3	19.3
	25 weeks	14.1	--	12.4	--	13.3	--	12.9	--
	26 weeks	--	22.8	--	21.7	--	21.4	--	21.4
	28 weeks	--	24.6	--	23.4	--	22.5	--	22.9
Variability (final weight)		6.8	9.4	7.9	10.1	8.3	7.4	7.2	8.8
Eviscerated Wt.		10.9	19.8	9.4	18.5	10.2	18.4	10.0	18.3
Variability (evisc. wt.)		8.9	8.5	7.2	8.3	7.1	8.4	7.4	8.6
Dressing Percentage		77.3	80.5	75.8	79.1	76.7	81.8	76.5	80.2
Breast Width		4.2	3.6	4.0	3.7	4.1	3.6	4.1	3.5
Variability (breast width)		8.1	9.0	4.6	8.2	9.6	8.8	6.8	8.3
Body Depth		6.9	9.3	6.7	8.8	6.7	8.9	6.8	8.9
Variability (body depth)		4.6	3.0	2.2	4.0	5.2	4.4	3.5	3.5
Keel Length		6.0	7.5	5.9	7.2	5.8	7.2	5.9	7.3
Variability (keel length)		2.2	2.9	4.7	3.9	3.2	4.1	3.4	3.8
% U.S. Grade A ^{1/}		100.0	100.0	100.0	97.2	100.0	100.0	98.8	98.7
% U.S. Grade B ^{1/}								1.0	.6
% U.S. Grade C ^{1/}					2.8			.2	.7

^{1/} For Flething, Finish and Freedom from Pin-Feathers.

CENTRAL TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA

(Bronze Entries)

Entrant		(1) Palmateer		(2) Shearer		(3) Spar Hill		(4) Tunnel		(5) Turrill	
Variety		BBB		BBB		BBB		BBB		BBB	
Strain or Trade Name						Spar Hill		Strain Cross		Strain Cross	
Kind of Stock		Supply Flock		Supply Flock		Supply Flock		Supply Flock		Supply Flock	
Mortality (%)	2 weeks	6		2		2		3.3		7	
	8 weeks	6		3		5		4.4		10	
	Test	11		9		8		12.2		13	
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weights (lbs.)	8 weeks	4.1	4.8	4.0	4.8	3.3	3.9	4.0	4.7	4.3	5.1
	16 weeks	10.8	14.1	10.7	14.4	9.1	12.0	10.8	14.3	11.6	15.1
	20 weeks	13.1	18.7	13.2	18.9	11.1	15.7	13.2	18.7	14.0	19.7
	22 weeks	13.6	21.0	14.0	21.1	11.9	17.7	14.1	21.2	14.9	22.6
	24 weeks	14.6	23.4	15.0	23.4	12.7	20.1	15.1	23.3	16.0	25.4
	26 weeks	15.2	24.7	15.6	25.0	13.4	21.3	15.8	24.9	16.6	26.9
Variability (final weight)		6.4	7.2	6.2	7.5	8.8	9.2	7.4	7.9	7.8	8.2
Eviscerated Wt.		11.9	19.2	12.4	19.5	10.2	16.2	12.5	19.7	12.9	21.0
Variability (evisc. wt.)		7.6	7.6	6.4	7.7	8.6	10.3	8.2	8.2	9.0	9.7
Dressing Percentage		78.3	77.7	79.5	78.0	76.1	76.1	79.1	79.1	77.7	78.1
Breast Width		4.8	4.9	5.0	5.2	4.2	4.2	5.5	5.9	4.9	5.1
Body Depth		7.9	9.8	7.9	9.6	7.7	9.3	7.7	9.2	8.0	9.8
Keel Length		6.5	8.0	6.4	7.8	6.3	7.4	6.3	7.6	6.7	8.0
% U. S. Grade A	Fleshing	88	86	90	89	30	46	100	97	97	91
	Finish	95	91	92	95	64	91	85	88	95	94
	Freedom										
	Pin-Feath.	98	81	92	86	96	91	95	82	97	89
% U. S. Grade B	Fleshing	12	14	10	11	70	54	---	3	3	6
	Finish	5	9	8	5	36	9	15	12	5	6
	Freedom										
	Pin-Feath.	2	19	8	14	4	9	5	18	3	11
% U.S. Grade C											
Fleshing		---	---	---	---	---	---	---	---	---	3

CENTRAL TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA

(Bronze Entries continued)					(White Entries)						
Entrant		(6) Wila		Average		(7) Ephrata		(8) Mertz		(9) Palmateer	
Variety		BBB		Bronze		B.S.W.		BW		BW	
Strain or Trade Name								Thompson		Thompson	
Kind of Stock		Supply Flock				Supply Flock		Supply Flock		Supply Flock	
Mortality (%)	2 weeks	8.1		4.7		11		---		3	
	8 weeks	8.1		6.1		13		1		3	
	Test	14.1		11.2		15		7		6	
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weights (Lbs.)	8 weeks	3.9	4.5	3.9	4.6	3.0	3.6	3.2	4.0	3.5	4.1
	16 weeks	10.8	13.8	10.6	14.0	7.6	10.1	9.5	12.1	9.6	12.4
	20 weeks	13.3	18.2	13.0	18.3	8.9	13.0	11.8	16.3	11.8	16.6
	22 weeks	14.4	21.1	13.8	20.8	9.2	14.5	12.0	18.2	12.6	18.8
	24 weeks	15.5	23.5	14.8	23.2	9.7	16.3	12.9	20.4	13.4	21.1
	26 weeks	16.0	24.9	15.4	24.6	10.2	17.3	13.3	21.8	13.9	22.6
Variability (final weight)		7.1	8.1	7.3	8.0	11.4	9.6	7.1	9.5	7.1	8.0
Eviscerated Wt.		12.8	19.7	12.1	19.2	7.5	13.1	9.8	16.9	10.4	17.6
Variability (evisc. wt.)		7.7	9.5	7.9	8.8	9.8	11.5	6.9	9.9	8.2	8.5
Dressing Percentage		80.0	79.1	78.5	78.0	73.5	75.7	73.7	77.5	74.8	77.9
Breast Width		5.9	6.1	5.1	5.3	4.0	4.1	4.4	4.4	4.4	4.5
Body Depth		7.7	9.1	7.8	9.5	6.7	8.3	7.2	9.3	7.3	9.4
Keel Length		6.4	7.4	6.4	7.7	5.4	6.5	6.1	7.4	6.2	7.5
% U. S. Grade A	Fleshing	95	89	83	83	70	58	95	92	100	93
	Finish	86	95	86	92	97	93	87	94	91	88
	Freedom										
	Pin-Feath.	93	68	95	83	94	93	97	96	98	93
% U. S. Grade B	Fleshing	5	11	17	17	30	42	5	8	---	7
	Finish	14	5	14	8	3	7	13	6	9	12
	Freedom										
	Pin-Feath.	7	32	5	17	6	7	3	4	2	7

CENTRAL TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA

(White Entries continued)

Entrant		(10) Rexrode		(11) Seidel		(12) Shearer		Average	
Variety		W.H.		W.H.		E.W.		Whites	
Strain or Trade Name				Seidel					
Kind of Stock		Breeder Replacement		Supply Flock		Supply Flock			
Mortality (%)	2 Weeks	1		3		4		4	
	8 weeks	2		3		5		5	
	Test	7		8		11		9	
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weights (Lbs.)	8 weeks	3.3	4.0	3.4	4.1	3.5	4.3	3.3	4.0
	16 weeks	8.9	11.6	9.1	11.7	9.4	13.0	9.0	11.8
	20 weeks	10.8	15.6	11.3	15.9	11.4	17.2	11.0	15.8
	22 weeks	11.4	17.9	11.8	17.6	12.3	19.0	11.6	17.7
	24 weeks	12.2	19.7	12.4	19.7	13.0	21.2	12.3	19.7
	26 weeks	12.6	20.8	12.7	20.8	13.4	22.4	12.7	21.0
Variability (final weight)		6.9	5.9	6.0	7.9	6.9	7.6	7.6	8.1
Eviscerated Wt.		9.3	16.1	9.5	16.0	10.1	17.4	9.4	16.2
Variability (evisc. wt.)		9.6	6.3	8.4	7.9	8.1	7.8	8.5	8.7
Dressing Percentage		73.8	77.4	74.8	76.9	75.4	77.7	74.3	77.2
Breast Width		4.4	4.4	4.1	4.1	4.5	4.6	4.3	4.4
Body Depth		7.2	9.1	7.3	9.5	7.3	9.4	7.2	9.2
Keel Length		6.1	7.3	6.0	7.2	6.2	7.5	6.0	7.2
% U. S. Grade A	Fleshing	84	90	80	77	100	98	88	85
	Finish	87	93	82	91	88	98	89	93
	Freedom Pin-Feath.	96	100	95	91	100	98	97	95
% U. S. Grade B	Fleshing	16	10	20	23	---	2	12	15
	Finish	13	7	18	9	12	2	11	7
	Freedom Pin-Feath.	4	0	5	9	---	2	3	5

TEXAS CENTRAL TURKEY MEAT PRODUCTION TEST

(Bronze Entries)

Entrant		(1) Barnett		(2) Cen - Tex		(3) Conyers (1)		(4) Conyers (2)		(5) Delleney	
Variety		BBB		BBB		BBB		BBB		BBB	
Kind of Stock		Supply Flock		Supply Flock		Supply Flock		Supply Flock		Supply Flock	
No. Hens in Flocks		605		1003		1250		850		326	
Mortality (%)	2 weeks	1		1		1		5		3	
	8 weeks	2		1		2		8		4	
	Test	3		4		6		14		9	
		Hens		Hens		Hens		Hens		Hens	
Average Live Weight (Lbs.)	8 weeks	3.87	4.78	4.06	4.99	4.33	5.43	3.91	4.88	3.90	4.65
	12 weeks	6.79	8.58	7.00	8.79	7.65	9.91	6.91	8.82	6.83	8.40
	16 weeks	9.75	13.18	9.90	13.14	10.74	14.87	10.09	13.57	9.67	12.79
	20 weeks	12.28	17.34	12.52	16.86	13.41	19.77	12.68	17.75	12.12	16.87
	22 weeks	13.3	19.1	13.6	18.8	14.6	22.1	13.9	19.9	13.0	19.1
	24 weeks	13.7	21.9	13.9	21.0	15.0	24.7	14.3	22.3	13.5	21.1
	26 weeks	---	23.7	---	22.6	---	27.0	---	24.0	---	23.1
Variability (final weight)		6.88	7.92	8.68	7.85	7.39	6.58	7.18	8.17	6.97	9.28
Eviscerated Wt.		10.71	18.38	10.89	17.52	11.69	20.84	11.27	18.90	10.52	17.70
Variability (evisc. wt.)		6.71	8.37	8.83	7.66	8.25	7.12	7.67	7.89	6.89	9.40
Dressing Percentage		78.17	77.55	78.34	77.52	77.80	77.18	78.81	78.75	77.92	76.62
Breast Width		4.98	5.28	4.80	4.98	5.14	5.75	5.51	6.05	4.70	4.90
Variability (breast width)		7.96	9.24	7.77	8.85	5.93	9.38	6.66	8.59	5.56	10.95
Body Depth		7.31	9.10	7.36	8.98	7.45	9.41	7.16	8.75	7.46	9.35
Variability (body depth)		3.21	3.26	2.98	7.60	3.10	3.26	3.51	3.79	3.18	2.79
Keel Length		6.22	7.64	6.33	7.66	6.44	7.88	6.05	7.41	6.32	7.76
Variability (keel length)		4.28	3.82	3.57	3.62	3.77	3.52	4.58	3.96	3.25	3.26
% U. S. Grade A	Fleshing	97.8	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.6
	Finish	89.1	92.0	90.0	61.9	95.7	97.7	92.1	93.0	87.5	59.5
	Freedom										
	Pin-Feath.	95.6	100.0	92.0	97.6	100.0	100.0	97.4	97.7	95.0	100.0
% U. S. Grade B	Fleshing	2.2	2.0	---	---	---	---	---	---	---	2.4
	Finish	10.9	8.0	10.0	38.1	4.3	2.3	7.9	7.0	12.5	40.5
	Freedom										
	Pin-Feath.	4.4	---	8.0	2.4	---	---	2.6	2.3	5.0	---

TEXAS CENTRAL TURKEY MEAT PRODUCTION TEST

(Bronze Entries Continued)

Entrant		(6) DeWitt (1)		(7) DeWitt (2)		(8) Feild		(9) Lee		(10) Lone Star	
Variety		BBB		BBB		BBB		BBB		BBB	
Kind of Stock		Breeder Replacement		Supply Flock		Breeder Replacement		Breeder Replacement		Supply Flock	
No. Hens in Flocks		700		1400		220		500		980	
Mortality (%)	2 weeks	2		4		4		4		3	
	8 weeks	2		4		5		4		5	
	Test	5		9		8		5		10	
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weight (Lbs.)	8 weeks	4.20	4.82	4.16	5.14	3.32	4.06	4.03	4.95	3.96	4.76
	12 weeks	7.13	8.54	7.00	8.90	6.14	7.89	6.91	8.93	6.93	8.61
	16 weeks	9.79	12.81	9.85	13.35	9.05	12.19	9.76	13.37	9.79	12.85
	20 weeks	12.32	16.69	12.36	17.28	11.70	16.40	12.27	17.33	12.52	17.03
	22 weeks	13.5	18.8	13.5	19.3	12.7	18.2	13.3	19.3	13.5	19.4
	24 weeks	13.6	21.0	13.6	21.7	13.1	20.3	13.7	21.6	13.9	21.7
	26 weeks	---	23.0	---	23.3	---	21.4	---	23.1	---	23.9
Variability (final weight)		7.67	10.20	8.04	7.17	7.15	7.41	8.92	7.66	8.34	8.70
Eviscerated Wt.		10.64	17.61	10.69	18.03	10.32	16.66	10.73	17.93	10.80	18.23
Variability (evisc. wt.)		7.83	9.65	8.13	6.51	6.18	8.11	9.09	8.01	8.53	9.69
Dressing Percentage		78.23	76.56	78.60	77.38	78.77	77.85	78.32	77.61	77.69	76.27
Breast Width		4.93	5.11	4.88	4.93	5.10	5.50	4.89	5.04	4.89	5.15
Variability (breast width)		7.32	11.66	5.98	10.91	7.00	8.86	7.53	8.83	6.49	11.09
Body Depth		7.25	8.98	7.31	9.05	7.15	8.72	7.34	8.92	7.41	9.14
Variability (body depth)		5.41	3.70	2.95	7.18	2.84	3.52	3.06	7.17	3.75	7.36
Keel Length		6.31	7.56	6.33	7.69	6.06	7.43	6.25	7.53	6.37	7.66
Variability (keel length)		3.18	2.72	3.46	2.69	4.52	4.16	3.67	3.46	2.87	3.32
% U. S. Grade A	Fleshing	100.0	97.6	100.0	97.4	100.0	100.0	100.0	100.0	100.0	100.0
	Finish	82.0	69.0	77.3	69.2	70.2	59.0	90.0	76.3	84.6	84.4
	Freedom Pin-Feath.	94.0	97.6	86.4	100.0	83.0	100.0	88.0	94.7	92.3	97.8
% U. S. Grade B	Fleshing	---	2.4	---	2.6	---	---	---	---	---	---
	Finish	18.0	31.0	22.7	30.8	29.8	41.0	10.0	23.7	15.4	15.6
	Freedom Pin-Feath.	6.0	2.4	13.6	---	17.0	---	12.0	5.3	7.7	2.2

TEXAS CENTRAL TURKEY MEAT PRODUCTION TEST

(Bronze Entries Continued)

Entrant		(11) Lyons		(12) Singleton		(13) Tidwell		(14) Wallis		(15) Western (1)	
Variety		BBB		BBB		BBB		BBB		BBB	
Kind of Stock		Supply Flock		Supply Flock		Supply Flock		Breeder Replacement		Supply Flock	
No. Hens in Flocks		1050		275		600		620		400	
Mortality (%)	2 weeks	3		3		4		3		4	
	8 weeks	5		7		5		3		5	
	Test	12		8		9		5		7	
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weight (Lbs.)	8 weeks	4.08	4.96	3.23	3.93	3.94	4.70	3.79	4.60	4.15	5.15
	12 weeks	7.20	8.92	6.02	7.75	7.08	8.69	6.75	8.43	7.30	9.19
	16 weeks	10.45	14.04	8.92	12.13	9.96	13.37	9.78	12.95	10.29	14.08
	20 weeks	13.04	18.40	11.60	16.33	12.54	17.32	12.59	17.12	12.89	18.40
	22 weeks	14.3	20.6	12.7	18.0	13.6	19.5	13.6	19.3	14.0	20.7
	24 weeks	14.7	23.1	13.1	20.0	13.8	21.7	13.8	21.9	14.4	23.4
	26 weeks	---	24.9	---	21.5	---	23.4	---	23.5	---	24.9
Variability (final weight)		7.02	10.30	6.58	9.01	9.36	8.01	8.71	8.80	7.37	8.44
Eviscerated Wt.		11.72	19.92	10.29	16.69	10.78	18.13	10.91	17.97	11.27	19.49
Variability (evisc. wt.)		7.71	7.47	6.78	8.56	8.90	8.43	8.65	9.22	6.72	8.19
Dressing Percentage		79.72	80.00	78.54	77.62	78.11	77.47	79.05	76.46	78.26	78.27
Breast Width		5.52	5.78	5.07	5.43	4.76	5.08	4.89	5.23	5.06	5.44
Variability (breast width)		6.36	10.91	5.63	7.46	8.12	10.68	7.68	10.34	6.74	9.82
Body Depth		7.22	8.97	7.21	8.77	7.46	9.29	7.40	9.18	7.39	9.26
Variability (body depth)		4.08	3.94	2.88	3.63	3.45	3.14	2.86	3.59	3.04	2.90
Keel Length		6.17	7.43	6.04	7.40	6.39	7.74	6.43	7.74	6.35	7.65
Variability (keel length)		4.28	3.30	3.26	4.16	4.27	3.13	3.85	3.30	3.79	3.82
% U. S. Grade A	Fleshing	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.2	100.0	100.0
	Finish	81.8	78.4	48.9	61.0	90.0	72.3	86.1	73.1	92.3	84.0
	Freedom Pin-Feath.	93.2	97.3	89.4	100.0	95.0	100.0	91.7	96.2	97.4	98.0
% U. S. Grade B	Fleshing	---	---	---	---	---	---	---	3.8	---	---
	Finish	18.2	21.6	51.1	39.0	10.0	27.7	13.9	26.9	7.7	16.0
	Freedom Pin-Feath.	6.8	2.7	10.6	---	5.0	---	8.3	3.8	2.6	2.0

TEXAS CENTRAL TURKEY MEAT PRODUCTION TEST

(Bronze Entries Cont'd.)						(White Entries)					
Entrant		(16) Western (2)		Average		(17) Barnett		(18) Lone Star		(19) River Rest	
Variety		BBB		BBB		BBW		BBW		BBW	
Kind of Stock		Supply Flock				Supply Flock		Supply Flock		Supply Flock	
No. Hens in Flocks		300				2000		1002		800	
Mortality (%)	2 weeks	1		2.87		2		4		4	
	8 weeks	2		4.00		3		9		6	
	Test	7		7.67		6		13		7	
		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
Average Live Weight (Lbs.)	8 weeks	3.90	4.87	3.92	4.80	3.32	4.19	3.15	3.97	3.37	4.26
	12 weeks	7.08	8.97	6.91	8.71	6.01	7.89	5.68	7.51	5.96	7.99
	16 weeks	10.18	13.73	9.86	13.29	8.68	12.39	8.42	11.93	8.50	12.49
	20 weeks	12.80	17.74	12.47	17.43	11.00	16.67	10.63	16.21	11.12	16.89
	22 weeks	13.9	20.1	13.6	19.5	11.9	18.7	11.6	18.3	12.0	19.0
	24 weeks	14.3	22.8	13.9	21.9	12.2	20.7	12.0	20.3	12.4	21.0
	26 weeks	---	24.4	---	23.6	---	21.8	---	21.5	---	22.4
Variability (final weight)		8.51	6.94	7.80	8.28	6.05	8.29	7.19	7.09	7.26	9.22
Eviscerated Wt. Variability (evisc. wt.)		11.19	19.15	10.90	18.33	9.18	16.92	9.02	16.65	9.36	17.56
Dressing Percentage		8.25	8.00	7.97	8.72	5.85	8.38	7.89	8.28	7.19	11.09
		78.25	78.48	78.48	77.67	75.24	77.61	75.16	77.44	75.48	78.39
Breast Width		5.07	5.67	5.01	5.34	4.22	5.07	4.30	5.06	4.27	5.14
Variability (breast width)		7.44	10.25	6.89	9.86	4.79	9.25	6.48	11.36	6.46	15.39
Body Depth		7.29	9.18	7.33	9.08	6.98	9.05	6.91	9.05	7.04	9.16
Variability (body depth)		3.33	2.89	3.35	4.36	2.99	3.56	3.49	3.22	2.98	3.94
Keel Length		6.21	7.62	6.27	7.62	6.01	7.28	5.98	7.26	6.04	7.51
Variability (keel length)		3.84	2.38	3.78	3.39	2.72	4.29	2.73	3.59	3.32	4.31
% U. S. Grade A	Fleshing	100.0	100.0	99.9	99.2	100.0	100.0	100.0	100.0	97.7	97.2
	Finish	95.8	88.1	84.6	76.2	78.0	78.6	83.3	88.4	70.5	91.7
	Freedom Pin-Feath.	97.9	100.0	93.0	98.6	100.0	100.0	100.0	100.0	100.0	100.0
% U. S. Grade B	Fleshing	---	---	.1	.8	---	---	---	---	2.3	2.8
	Finish	4.2	11.9	15.4	23.8	22.0	21.4	16.7	11.6	29.5	8.3
	Freedom Pin-Feath.	2.1	---	7.0	1.4	---	---	---	---	---	---

TEXAS CENTRAL TURKEY MEAT PRODUCTION TEST

(White Entries Continued)

Entrant		(20) Singleton		(21) Thaxton		(22) Thompson		Average	
Variety		BBW		BBW		BBW		BBW	
Kind of Stock		Supply Flock		Supply Flock		Breeder Replacement			
No. Hens in Flocks		200		508		1200			
Mortality (%)	2 weeks	3		2		2		2.83	
	8 weeks	5		2		3		4.67	
	Test	8		2		5		6.83	
Average Live Weight (Lbs.)		Hens	Toms	Hens	Toms	Hens	Toms	Hens	Toms
	8 weeks	3.71	4.57	3.65	4.51	3.45	4.22	3.45	4.28
	12 weeks	6.30	8.14	6.32	8.11	6.17	7.92	6.08	7.93
	16 weeks	8.90	12.34	8.94	12.46	8.72	12.45	8.71	12.34
	20 weeks	11.02	16.54	11.12	16.92	11.40	16.85	11.06	16.68
	22 weeks	11.8	18.2	12.1	18.8	12.3	19.0	11.9	18.7
	24 weeks	12.1	20.1	12.3	20.6	12.7	21.1	12.3	20.6
	26 weeks	---	20.7	---	21.6	---	22.4	---	21.7
Variability (final weight)		6.21	8.94	7.90	8.50	8.71	8.29	7.22	8.39
Eviscerated Wt.		9.11	16.06	9.31	16.74	9.65	17.41	9.28	16.89
Variability (evisc. wt.)		7.20	9.93	8.21	8.72	8.27	9.18	9.03	9.26
Dressing Percentage		75.29	77.58	75.69	77.50	75.98	77.72	75.45	77.83
Breast Width		4.23	4.96	4.27	4.79	4.52	5.23	4.30	5.05
Variability (breast width)		5.21	11.05	4.93	11.96	7.38	13.56	5.88	12.10
Body Depth		6.88	8.81	7.04	9.03	6.86	8.81	6.96	8.99
Variability (body depth)		3.19	4.04	3.32	3.03	2.82	3.90	3.13	3.62
Keel Length		5.88	7.10	5.96	7.22	5.90	7.30	5.97	7.28
Variability (keel length)		3.19	5.15	3.72	3.95	4.20	6.03	3.31	4.55
% U. S. Grade A	Fleshing	100.0	100.0	100.0	97.6	100.0	100.0	99.6	99.2
	Finish	85.7	88.1	66.0	70.7	84.4	85.4	78.0	83.8
	Freedom Pin-Feath.	100.0	97.6	100.0	97.6	100.0	100.0	100.0	99.2
% U. S. Grade B	Fleshing	---	---	---	2.4	---	---	.4	.8
	Finish	14.3	11.9	34.0	29.3	15.6	14.6	22.0	16.2
	Freedom Pin-Feath.	---	2.4	---	2.4	---	---	---	.8

